

Claims

1. Apparatus for driving fasteners (31), in particular screws, nails, pop rivets, staples or the like, with a motor-drivable feeder (2) that moves the fasteners sequentially from a feed position into a driving position (31a), and with an adjustment means (60, 54; 60a, 56) comprised of a stop member (50) that is movable in the screwdriving direction relative to the feeder and has a stop face (53) extending preferably perpendicular to the screwdriving direction,

characterized in that the adjustment means comprises a manually rotatable thread member mounted stationary in or on the feeder (60; 60a), the thread of said thread member engaging interlockingly with the stop member and moving the stop member continuously relative to the feeder on being so turned.
2. Apparatus according to claim 1,

characterized in that the thread of the thread member is an external thread with its axis running parallel or perpendicular to the screwdriving direction.
3. Apparatus according to claim 1 or 2,

characterized in that the thread member comprises a manually operable portion (62).
4. Apparatus according to claim 2 or 3,

characterized in that the external thread of the thread member passes through the stop member in a radial direction.
5. Apparatus according to claim 4,

characterized in that the stop member has at least one slot (56) disposed perpendicular to the screwdriving direction for establishing

positive engagement with the thread of the thread member, said slot(s) having a width that limits the axial path of the thread on both sides.

6. Apparatus according to one of claims 1 to 5, characterized in that the thread member (60; 60a) is a rotationally symmetric member with a central bore (61) through which a force transmission member of the motor drive can pass during the screwdriving process.

7. Apparatus according to claim 5 at least, characterized in that the stop member (50) is configured as a U-shape and has slots (54; 56) on its two shanks (51, 52), which extend parallel to the screwdriving direction and are guided on two opposite sides of the feeder, and that the stop face (53) is located on the side of the stop member facing away from the feeder and has a hole (55) through which the fasteners can pass.

8. Apparatus according to claim 1, characterized in that the thread member (60, 60a) has an internal thread and the stop member (50) has an external thread or portions of an external thread.

9. Apparatus according to one of claims 1 to 3, characterized in that the stop member has at least one protrusion (54) that engages at least with the thread of the thread member so that force can be transmitted interlockingly between the thread flanks and at least one surface of the protrusion.

10. Apparatus according to claim 9, characterized in that the thread member is a rotationally symmetric member with its axis of rotation lying parallel to the screwdriving direction and spaced apart from the screwdriving axis.

11. Apparatus according to claim 9 or 10, characterized in that the stop member (50) is U- or L-shaped and is guided along the feeder with at least one side shank extending parallel to the screwdriving direction, and that a protrusion (54) is formed on an edge of at least one side of the stop member extending parallel to the screwdriving direction.
12. Apparatus according to at least one of the preceding claims, characterized in that said equipment is coupled with a mains- or battery-powered motor for driving the feeder.
13. Apparatus according to claim 12, characterized in that the mains- or battery-powered motor has a cylindrical mounting surface and that the equipment is force-locked onto said surface.